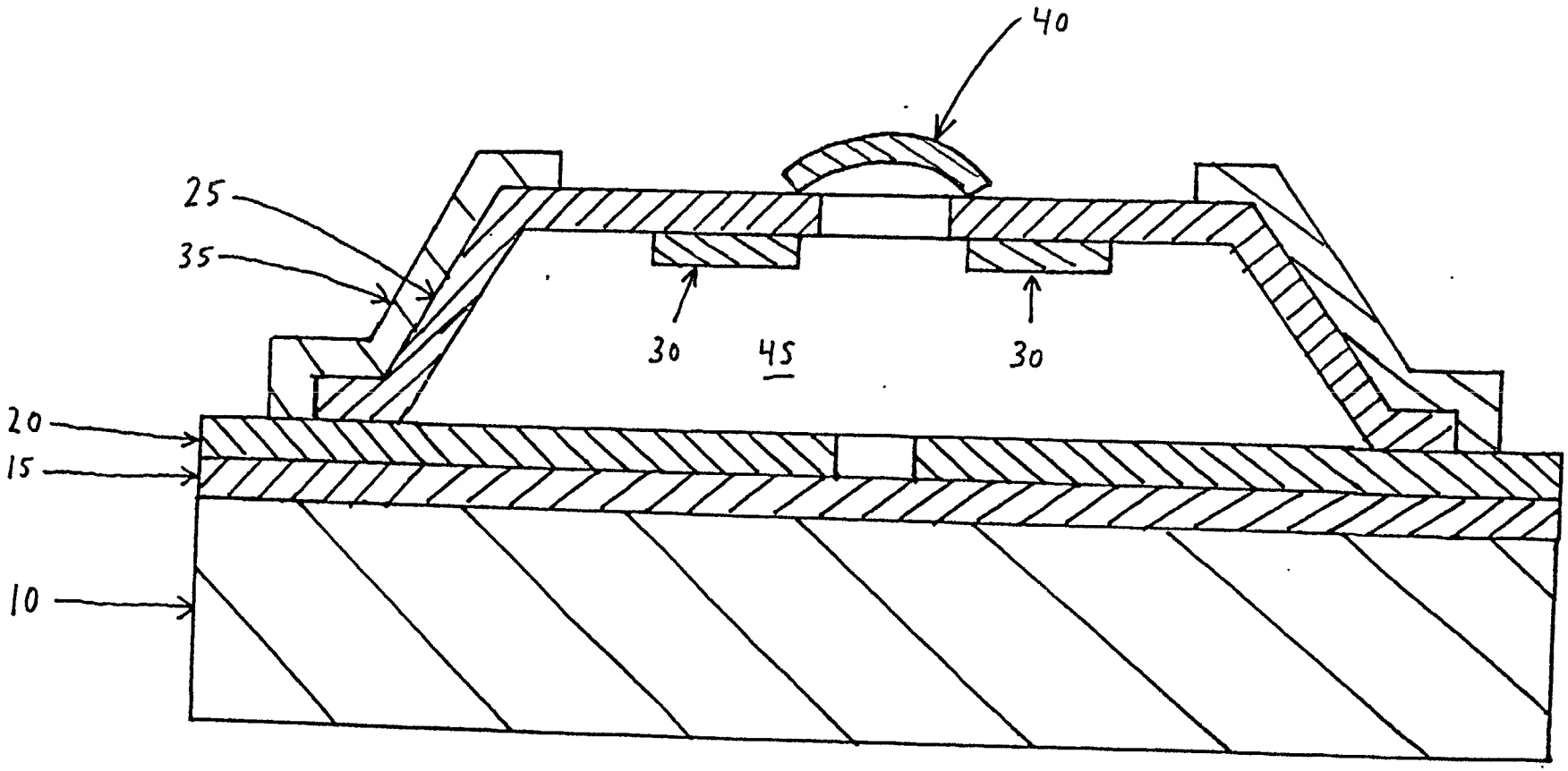

FIG. 1

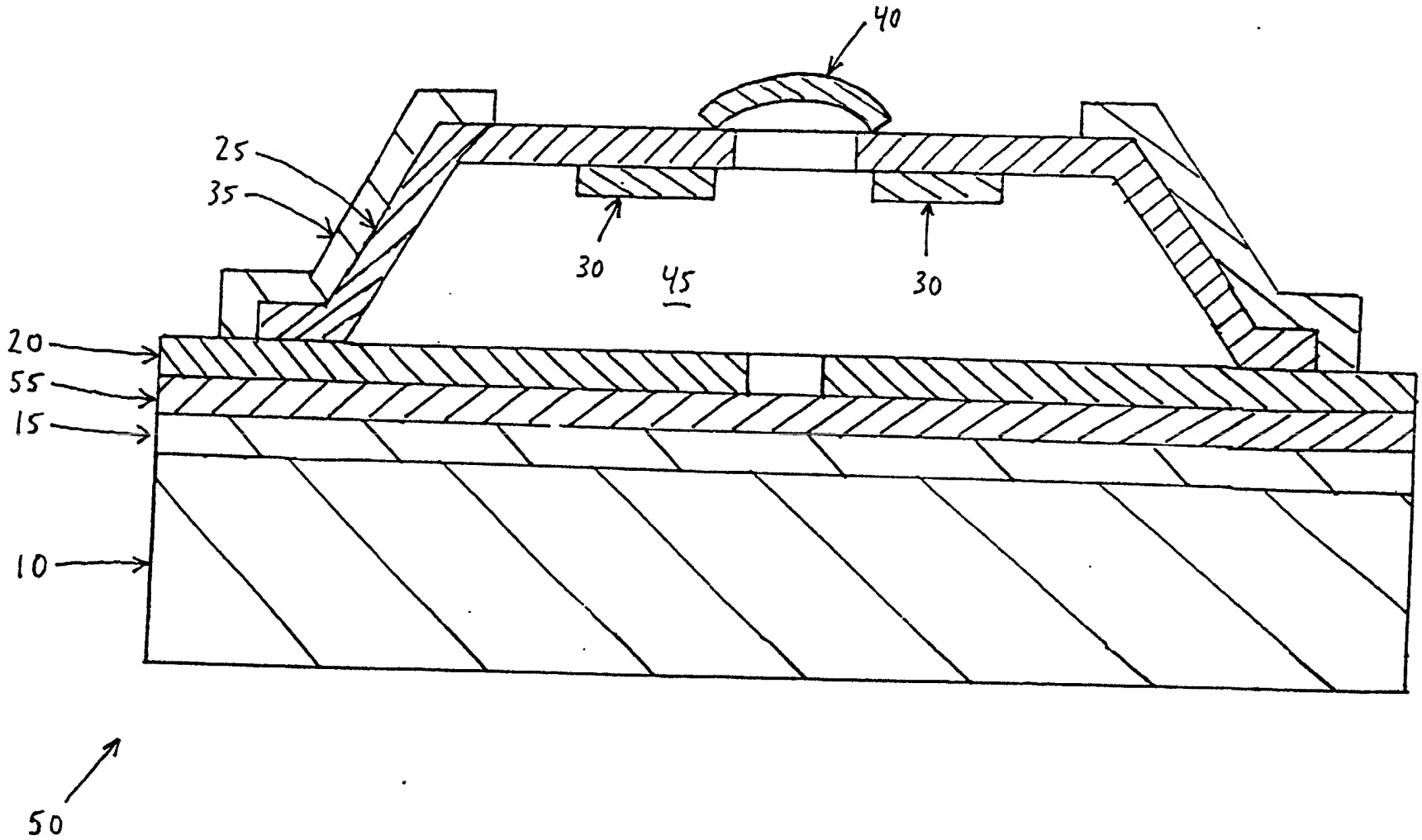

FIG. 2

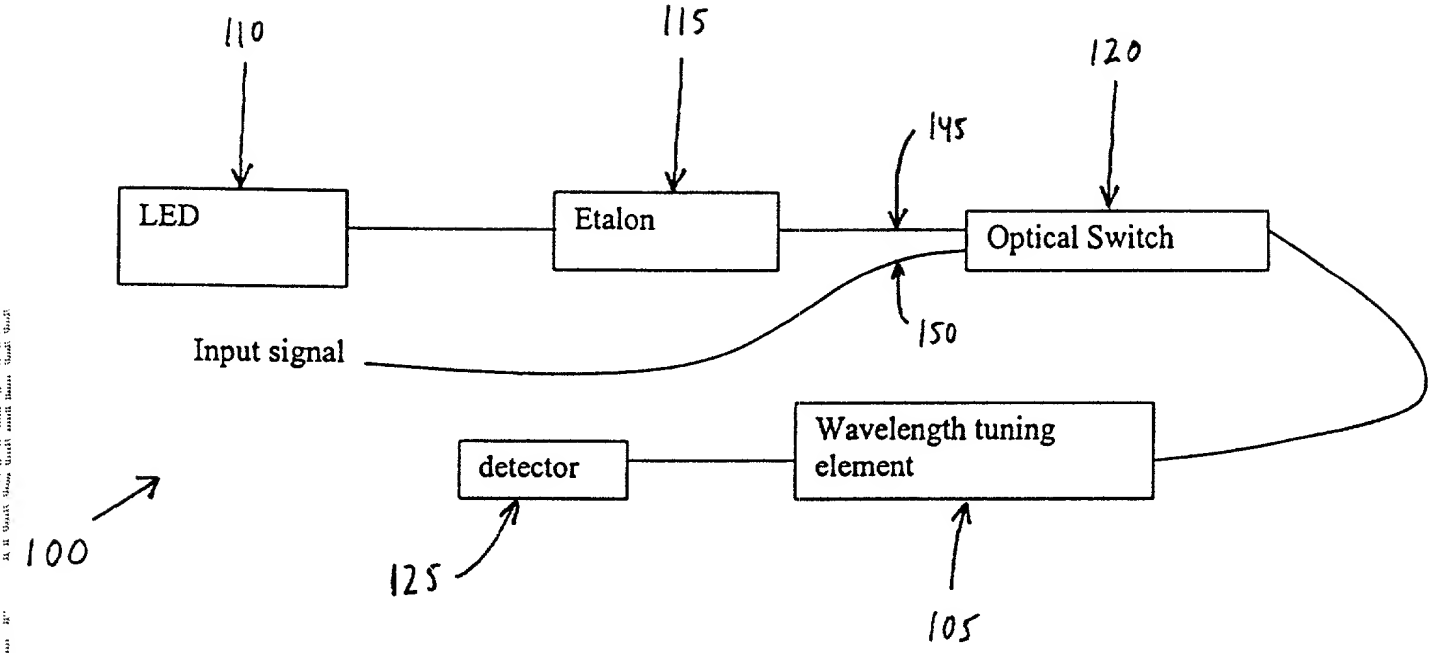
110
115
120
145
LED
Etalon
Optical Switch
150
Input signal
Wavelength tuning element
detector
100
125
105

FIG. 3

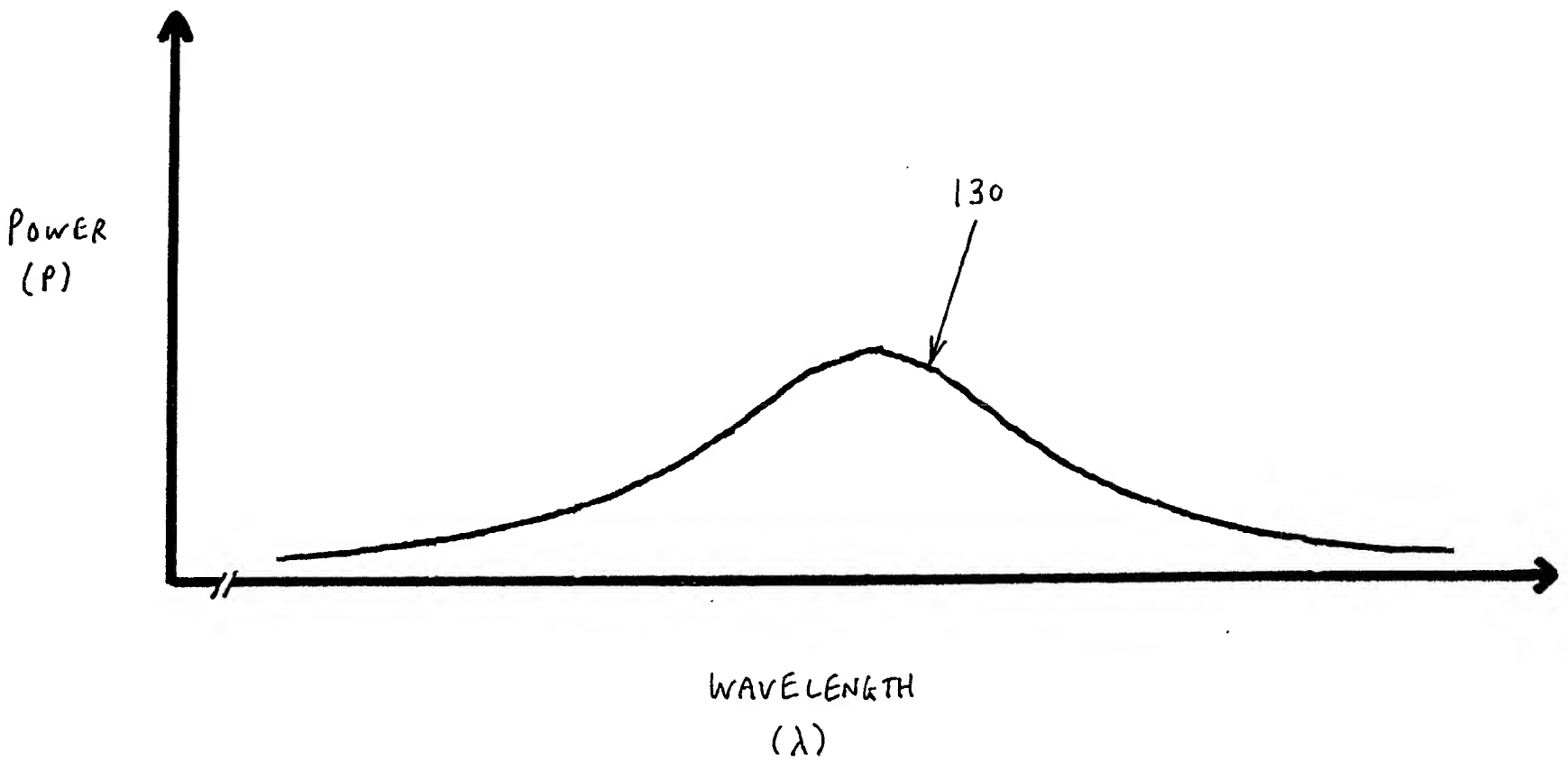

FIG. 4

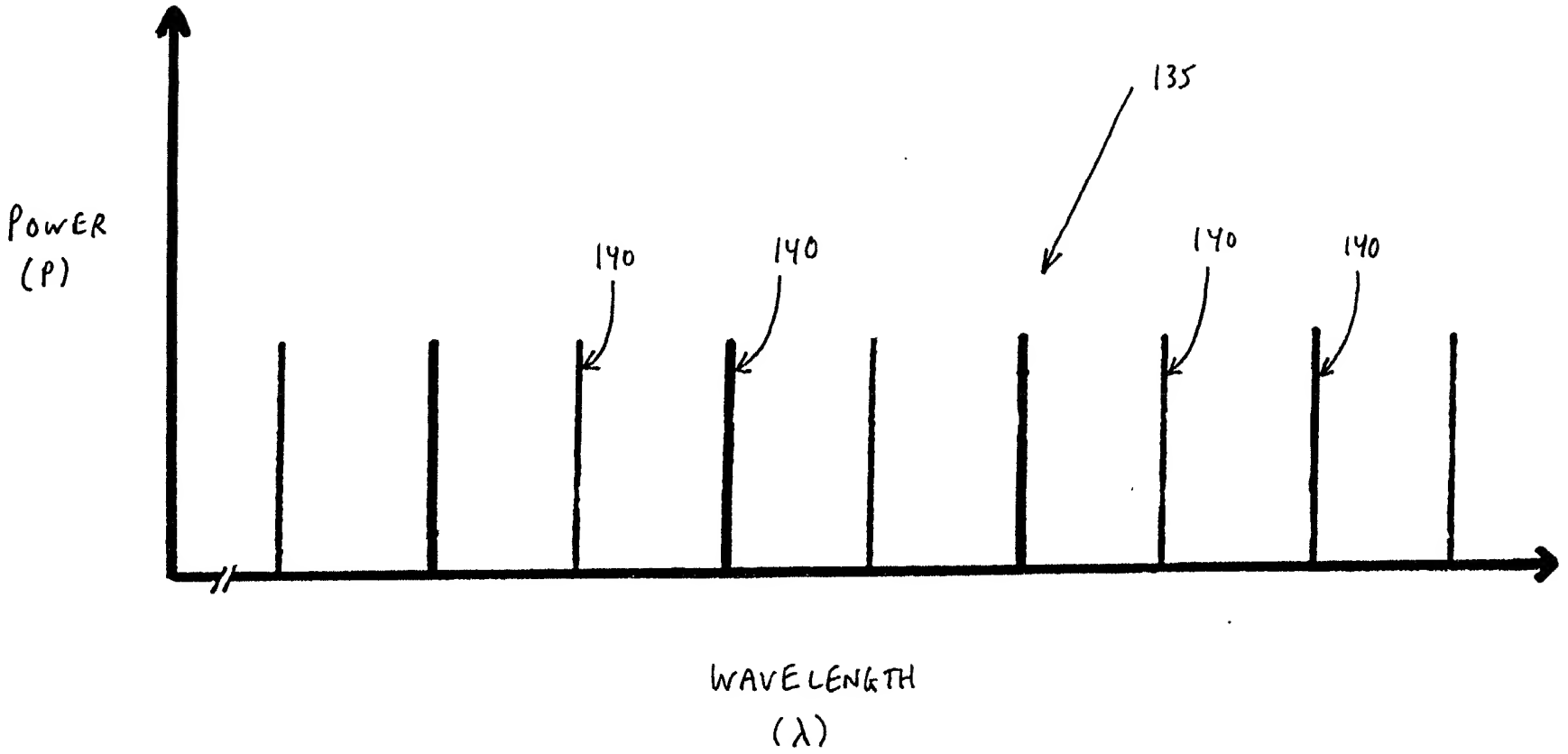

FIG. 5

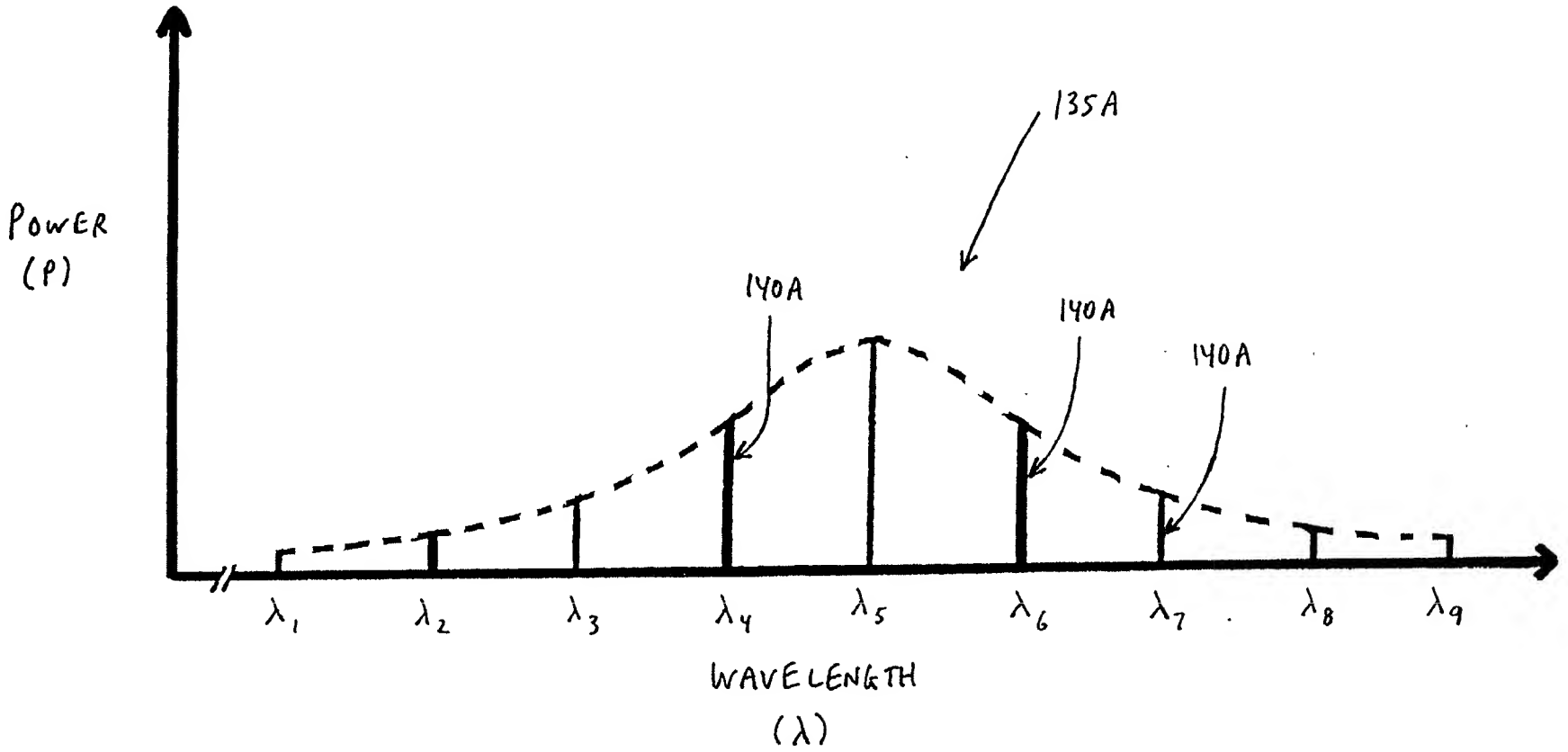
POWER
(P)
135A
140A
140A
140A
λ_1
λ_2
λ_3
λ_4
λ_5
λ_6
λ_7
λ_8
λ_9
WAVELENGTH
(λ)

FIG. 6

WAVELENGTH (λ)	TUNING VOLTAGE (V)
λ_1	V_1
λ_2	V_2
λ_3	V_3
λ_4	V_4
λ_5	V_5
λ_6	V_6
λ_7	V_7
λ_8	V_8
λ_9	V_9

FIG. 7